

20030311.qrp v02_n856.qrl.20030311

Date: Tue, 11 Mar 2003 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2856

QRP-L Digest 2856

Topics covered in this issue include:

- 1) [147356] Re: Manhattan vs. Ugly Construction
by Ingo Meyer DK3RED <dk3red@gmx.net>
- 2) [147357] Re: OT: Fritzel Antenna Source ?
by "Philip L. Carter" <pcarter@gcfn.org>
- 3) [147358] SMK-1 ONE Watt Mod
by "Delbert Long" <ad6we@hotmail.com>
- 4) [147359] Re: Schematic Software
by "Dave Ek" <ekdave@earthlink.net>
- 5) [147360] Buildathon at FDIM 2003
by "Kenneth Evans" <w4du@attbi.com>
- 6) [147361] Re: Manhattan vs. Ugly Construction
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 7) [147362] Test Equipment Clinic at FDIM 2003
by "Kenneth Evans" <w4du@attbi.com>
- 8) [147363] Re: Manhattan vs. Ugly Construction
by "w8diz" <w8diz@fpqrp.com>
- 9) [147364] FS: Palm Vx, Cradle and Rhino Case
by wkhibbert@juno.com
- 10) [147365] FS/FT: Kenwood TS-140S & Ten Tec 6M Xvtr
by wkhibbert@juno.com
- 11) [147366] FS: Icom IC-2100H 2M FM rig
by wkhibbert@juno.com
- 12) [147367] SideKick
by "Jay Bromley" <w5jay@alltel.net>
- 13) [147368] Re: Manhattan vs. Ugly Construction
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 14) [147369] Pesky Texan Armadillo Chase - Last Update
by "N1LN" <n1ln@earthlink.net>
- 15) [147370] Re: A K2 Borrower Speaks
by "Mike" <kw1nd.web@homeinternet.net>
- 16) [147371] Re: Schematic Software
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 17) [147372] Re: Code Problems
by Bill Coleman <aa4lr@arrl.net>
- 18) [147373] QSL Software
by "W2WU" <w2wurjj@verizon.net>
- 19) [147374] Re: Mutual Inductance Coefficient and Toroid Impenace

- by "Merton Nellis" <mertnellis@msn.com>
- 20) [147375] Re: Manhattan vs. Ugly Construction
by "Ed Kessler" <aa3sj@arrl.net>
- 21) [147376] how to jump in?
by sergio <sergio@village-buzz.com>
- 22) [147377] RE: QSL Software
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 23) [147378] ArkieCon
by "Jay Bromley" <w5jay@alltel.net>
- 24) [147379] Mystery part
by Pete Burbank <plburbank@earthlink.net>
- 25) [147380] Re: A K2 Borrower Speaks
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [147381] Michigan QRP Net
by kwike@gdls.com
- 27) [147382] K10 Keyers and HTX-10 CW &c
by Chuck Carpenter <w5usj@9plus.net>
- 28) [147383] Re: Buildathon at FDIM 2003
by "Stephen King" <frstephenk@stfrancishigh.org>
- 29) [147384] ARRL Poll
by W2AGN <w2agn@w2agn.net>
- 30) [147385] I'm back!
by dnt1@daimlerchrysler.com
- 31) [147386] Re: What's the date?
by dnt1@daimlerchrysler.com
- 32) [147387] Re: ArkieCon
by "w8diz" <w8diz@fpqrp.com>
- 33) [147388] Re: [RE: QSL Software]
by "P. Ermisch" <ermisch@usa.net>
- 34) [147389] Ghost towns in Oklahoma for QRPTTF
by "Brockwell, Stephen E. CECOM SEC FSSE GPI"
<steve.brockwell@us.army.mil>
- 35) [147390] Re: how to jump in?
by "Bill Jones" <kd7s@psnw.com>
- 36) [147391] Re: What's the date?
by Haines Brown <brownh@hartford-hwp.com>
- 37) [147392] Re: ARRL Poll
by "Joe Martin" <km5cw@arrl.net>
- 38) [147393] EQP comments solicited (Bob Patten)
by "Heimo J. Lyden" <sm6lod@golfinho.com>
- 39) [147394] OT: Manual for Kikusui COS6100M Scope
by "Michael Morgan" <michael@aa5sh.com>
- 40) [147395] QRPTTF
by Wayne_W5KDJ <w5kdj@juno.com>
- 41) [147396] FSQRP Slow Speed CW QRP Net
by "David Bixler" <qrp@netins.net>
- 42) [147397] Re: QRPTTF
by Lloyd Lachow <llachow@yahoo.com>

- 43) [147398] Re: ARRL Poll
by "richqrp" <richqrp@cox.net>
- 44) [147399] Improving Buddistick Efficiency
by Michael Babineau <michael.babineau@sympatico.ca>
- 45) [147400] Re: QRPTTF
by "Tim, N9PUZ" <n9puz@arrl.net>
- 46) [147401] Re: ARRL Poll
by "Bob Schreibmaier" <k3ph@ptd.net>
- 47) [147402] Re: QRPTTF
by Fred Lesnick <flesnick@tbaytel.net>
- 48) [147403] Positive resist exposure times?
by "Bob Okas" <vintage2@earthlink.net>
- 49) [147404] RE: ARRL Poll
by "WN4M" <wn4m@charter.net>
- 50) [147405] Re: QRPTTF
by W2AGN <w2agn@w2agn.net>
- 51) [147406] RE: [RE: QSL Software]
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 52) [147407] Re: Positive resist exposure times?
by "Leon Heller" <leon_heller@hotmail.com>
- 53) [147408] Re: ARRL Poll
by Alex <kr1st@amsat.org>
- 54) [147409] RE: ARRL Poll
by W2AGN <w2agn@w2agn.net>
- 55) [147410] Armadillo Hunt
by "Karl F. Larsen" <k5di@zianet.com>
- 56) [147411] Expert sighting
by David Hinerman <WD8CIV@worldnet.att.net>
- 57) [147412] MFJ-914 'Tuner Extender' ??
by "Tracy Markham" <n4lgh@waveguide.us>
- 58) [147413] Re: QRPTTF
by "Tim, N9PUZ" <n9puz@arrl.net>
- 59) [147414] Re: QRPTTF
by "Tim, N9PUZ" <n9puz@arrl.net>
- 60) [147415] RE: Armadillo Hunt
by "George, W5YR" <w5yr@att.net>
- 61) [147416] Re: Mystery part
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 62) [147417] WTD: Old RCA KC4000 Preamp Kit
by J38AL@aol.com
- 63) [147418] quasi QRP Question
by Ed Lawson <k1vp@grizzly.com>
- 64) [147419] RE: ARRL Poll
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 65) [147420] RE: ARRL Poll
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 66) [147421] Re: ARRL Poll
by Jim Eshleman <jce0@Lehigh.EDU>

- 67) [147422] Re: quasi QRP Question
by "John_Evans" <jaevals@mail.codenet.net>
68) [147423] Re: Mystery part
by Pete Burbank <plburbank@earthlink.net>
69) [147424] Re: ARRL Poll
by W2AGN <w2agn@w2agn.net>
70) [147425] QRPTTF Wow I live in a Ghosttown!
by "Fuller, David J" <David.Fuller@qwest.com>
71) [147426] Re: MFJ-914 'Tuner Extender' ??
by wkhibbert@juno.com
72) [147427] Re: quasi QRP Question
by psschwarz@kellnet.com
73) [147428] Re: QRPTTF Wow I live in a Ghosttown!
by "John Huffman" <hjohnc@core.com>
74) [147429] Re: Mystery part
by Pete Burbank <plburbank@earthlink.net>
75) [147430] [CONTEST] N2CQ QRP Contest Calendar Mar 11-31
by "Ken Newman" <N2CQ@Dandy.Net>

Date: Mon, 10 Mar 2003 23:52:11 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@Lehigh.EDU
Subject: [147356] Re: Manhattan vs. Ugly Construction
Message-ID: <5.1.1.6.1.20030310234036.0250e720@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Diz,

>Can someone THAT HAS DONE BOTH tell me the
>advantages of Manhattan vs Ugly if there are any?

There is no "vs" between Manhattan and Ugly. If I want to build a circuit, so often I use a mish-mash of both styles. ;o) For your first Manhattan constructions and test circuits use the rest of PCB material, cut it with a shears in pieces and make a test. Both constuction methods are fast, easy and cheap.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de	http://www.t-online.de/~dk3red
DL-QRP-AG #824	http://www.dl-qrp-ag.de
QRP ARCI #11295	http://www.qrparci.org

Date: Mon, 10 Mar 2003 18:04:38 -0500
From: "Philip L. Carter" <pcarter@gcfn.org>
To: w9wis@charter.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147357] Re: OT: Fritzel Antenna Source ?
Message-ID: <3E6D1A06.3070102@gcfn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Universal Radio in Reynoldsburg, OH used to carry them. I don't know if they still have them or not. Might be worth a call.. 614-866-HAMS (4267).

Phil wd8qwr

Date: Mon, 10 Mar 2003 15:20:15 -0800
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [147358] SMK-1 ONE Watt Mod
Message-ID: <F30WNHE000clwNiYZ9l0001d6df@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Does anyone have a copy of the SMK-1 ONE Watt Mod? I can only find the Five Watt Mod online...

Thanks and 72,

Del, AD6WE

"Not everything that can be counted counts, and not everything that counts can be counted."

- Albert Einstein (1879-1955)

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<http://join.msn.com/?page=features/virus>

Date: Mon, 10 Mar 2003 18:09:24 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147359] Re: Schematic Software
Message-ID: <001901c2e76a\$db996cd0\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The free version of Eagle will actually create a .bmp for you. Choose Export from the File menu, and then select Image from the list that pops up. I think this is a relatively recent addition to the software (like around version 4.0). You'll still need to convert it to a .jpg or .gif, but as others have pointed out, there's lots of software available to do that for you.

73 de Dave NK0E

> The free evaluation version of Eagle will probably do what you want. Use the
> PrtSc key to copy the image to the clipboard and paste it into MS Paint to
> create a GIF.

Date: Tue, 11 Mar 2003 01:06:25 -0000
From: "Kenneth Evans" <w4du@attbi.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [147360] Buildathon at FDIM 2003
Message-ID: <001f01c2e76a\$70d5bac0\$6601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Flying Pigs Amateur Radio Club International and the North Georgia QRP Club will again host a "Buildathon" at FDIM 2003. Last year these two clubs combined their resources to help 35 first time builders construct and

calibrate a NOGA Watt Meter. Feedback on the Buildathon was extremely positive, with many requests for a repeat event. Hence, we will continue this amateur radio Elmering tradition again this year.

Last year's participants found many uses for the NOGA Watt Meter. This year's project is an equally useful device for the bench as well as the shack. Thanks to the great design effort by Diz, W8DIZ, and the resources of the Flying Pigs Research and Development Lab, this years Buildathon participants will leave the event with a fully functional frequency counter (FC). The FC will run off of a 9-volt battery for portable operation or a 12-volt bench supply. The specification are as follows:

0 to 45 MHz Freq Range with 10 Hz display resolution
Input is back-to-back diode protected
400mv at 10 MHz, 700mv at 20 MHz, 1 volt at 30 MHz all peak-to-peak
0 to 20.97 MHz display offset with 10 Hz adjustable resolution
jumpers for (+) or (-) freq offset and disable
20 ma current consumption using 9 volt battery (with backlight OFF)
60 ma current consumption using 12 volts (with backlight ON)
PCB size is 2.5" x 3.8" with 4-40 mounting holes at the four corners.

The Buildathon will be held on Thursday, May 15, 2003 from 5 PM EDT to approximately 8 PM EDT. Registration for the event is \$40.00. This will include all the parts for the FC, Elmering as needed, and pizza to make it an "eat as you build" event. To register, please send a check made out to:

Dieter Gentzow W8DIZ
197 Timber Trail
Loveland, OH 45140

There are a limited number of seats for this, so please register early.
First come, first served.

72/3,

Diz Ken
W8DIZ W4DU
W8diz@fpqrp.com w4du@arrl.net
Flying Pigs Amateur Radio Club North Georgia QRP Club

Date: Mon, 10 Mar 2003 20:14:23 -0500

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: w8diz@fpqrp.com
Cc: qrp-l@lehigh.edu
Subject: [147361] Re: Manhattan vs. Ugly Construction
Message-ID: <5.2.0.9.1.20030310194416.00b11fa0@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:26 AM 3/10/2003 -0500, you wrote:

>Hi Gang,

Greetings Diz,

>I've been doing "Ugly" style construction on
>bare copper boards since 1971. Since I joined
>QRP-L 4 years ago, I see all this stuff on
>Manhattan construction using pads.
>Seems like a lot of extra work to me, but
>I've never done it so I ask...

You should give it a try and decide for yourself.

>Can someone THAT HAS DONE BOTH tell me the
>advantages of Manhattan vs Ugly if there are any?

I'll field that one. The advantage that I see for Manhattan-style, in the manner that I use it anyway, is that I can directly build from a well layed out schematic. Using the method also forces a certain amount of discipline where and how the parts are mounted. The upside of that is that it is easier for me to troubleshoot a problem, since everything is organized in the layout. The downside, is that it takes a bit more time, and some upfront planning to get the circuits built. When one is done building a Manhattan-style project, it is very easy for others to follow the schematic diagram, and see all of the parts on the PC board substrate in the same general organization.

I've done, and have seen many ugly construction projects that worked well, once they were working, but were a nightmare to trouble shoot with leads going everywhere, and several layers deep sometimes. Not for the faint of heart if your latest creation doesn't light off immediately, and you have to dig into that maze to find the problem, and eventually fix it. Much easier to do on a Manhattan-style layout IMHO. That's why I switched. (I also used to use veroboard, but got very frustrated when something needed to be changed, and

all the wiring went through holes to the bottom side, and it was a rats nest under there.)

As for performance, I think both are equivalent, since both are build over a copper substrate, which keeps circulating currents to a minimum, and very low impedance grounds available.

In summary, I believe Ugly has a speed benefit in putting a circuit together. Manhattan-style has a significant edge in ease of troubleshooting and modifying, and is overall a much better approach if one is going to document the project with sufficient detail that others can reproduce it. The 2N2/40, 2N2/30, and 2N2/15 transceivers, 2N2/6 and 4017 transverters, and numerous test instruments, all having been built by others besides me, support this position.

Darned good question you asked too my friend!!

72 and happy building, whatever method you use. CU at Dayton!

Jim, K8IQY

Date: Tue, 11 Mar 2003 01:15:12 -0000
From: "Kenneth Evans" <w4du@attbi.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [147362] Test Equipment Clinic at FIDM 2003
Message-ID: <003301c2e76b\$ab276d80\$6601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many QRPers have taken the plunge, heated up the soldering iron and tried their hand at a building project -both kit and home brew. Ninety-nine percent of first time builders then find it doesn't work (some of us 1000th time builders discover the same thing!!). We may also discover how much smoke can be stored inside a resistor or transistor!! At this point we need to rely on test equipment to help find the problem. Unfortunately, some QRPers do not have access to test equipment or an Elmer to fully assist them in the good trouble shooting procedures and proper use of test equipment. Once the project is functioning, we need to know how to use test equipment to calibrate and align it.

If you've found yourself in this situation, you will want to attend the Test Equipment at FDI~~M~~ 2003. The Flying Pigs QRP Club International will host this free event. The Clinic will be on Thursday, May 15, 2003, from 7:30 PM to 11 PM. The Pigs will have all types of test equipment set up and ready to use. Elmering* will be provided by both the Flying Pigs and NOGA. If you are interested in learning on how to use a VOM, an Oscilloscope, a Spectrum Analyzer, or other devices, please stop in. If you have something you have built and just can't seem to get working, please bring it with you (along with schematic) and we'll try to help you to get it working.

FDIM 2003 will end with a talk called "Radio 101". Take what you learn from this talk and apply it at the Test Equipment Clinic. Or, when you finish the frequency counter at the Buildathon, walk across the hall and learn how to calibrate it and set the offset. There is no registration required. We hope to see you at the clinic.

72/3

The Flying Pigs

* If you would like to help with the "Elmering", please contact Diz, W8DIZ at w8diz@fpqrp.com

Date: Mon, 10 Mar 2003 20:38:21 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
Cc: <qrp-l@lehigh.edu>
Subject: [147363] Re: Manhattan vs. Ugly Construction
Message-ID: <001501c2e76e\$e68c04f0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Jim

TNX for the reply. Your answer is sorta what I was thinking.

I think I'll stick to "ugly" for the exact reason you mentioned because when I lay out an ANALOG schematic, I do my best to draw the parts on the sheet as if it were a copper board, knowing that the relative positions of the parts on paper

will be the same relative positions on the PCB. Also, I never have multilayer parts on an UGLY board because it would be hard to trouble shoot. Anyway, I guess I have developed my own technique for UGLY like dead bug ICs; I clip the small leads that normally insert into a PCB; bend those pins down that go to ground and all the other pins bend horizontal with the chip body. Then solder directly onto the IC's tab pins (right side up).

Maybe what I need to do (to prove to myself that I think I know what I'm doing HAHA) is build a 2N2/40 via UGLY style. Then we can have a contest at FDIIM in the LAB and check performance vs manhattan <grin>.

Better yet, how about a shootout; 2N2/40 vs multiPIG+.
Ok now I'm off the subject ...sri

Jim, hope you make it to FDIIM; gonna be another blast!!!

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: <w8diz@fpqrp.com>
Cc: <qrp-1@lehigh.edu>
Sent: Monday, March 10, 2003 8:14 PM

Greetings Diz,

You should give it a try and decide for yourself.

I'll field that one. The advantage that I see for Manhattan-style, in the manner that I use it anyway, is that I can directly build from a well layed out schematic. Using the method also forces a certain amount of discipline where and how the parts are mounted. The upside of that is that it is easier for me to troubleshoot a problem, since everything is organized in the layout. The downside, is that it takes a bit more time, and some upfront planning to get the circuits built. When one is done building a Manhattan-style project, it is very easy for others to follow the schematic diagram, and see all of the parts on the PC board substrate in the same general organization.

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and eventually fix it. Much easier to do on a Manhattan-style layout IMHO. That's why I switched. (I also used to use veroboard, but got very frustrated when something needed to be changed, and all the wiring went through holes to the bottom side, and it was a rats nest under there.)

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In summary, I believe Ugly has a speed benefit in putting a circuit together. Manhattan-style has a significant edge in ease of troubleshooting and modifying, and is overall a much better approach if one is going to document the project with sufficient detail that others can reproduce it. The 2N2/40, 2N2/30, and 2N2/15 transceivers, 2N2/6 and 4017 transverters, and numerous test instruments, all having been built by others besides me, support this position.

Darned good question you asked too my friend!!

72 and happy building, whatever method you use. CU at Dayton!

Jim, K8IQY

Date: Mon, 10 Mar 2003 20:38:39 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [147364] FS: Palm Vx, Cradle and Rhino Case
Message-ID: <20030310.204320.-347839.1.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I am selling a Palm Vx PDA. This has the cradle and the aluminum "Rhino" case. I have a few amateur programs on it including QRP Logger and I will burn a CD with the Palm Desktop and the manual in a .pdf file

Asking \$90 shipped

Contact me at the following address:

wb2vuo@frontiernet.net

Thanks.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Mon, 10 Mar 2003 20:35:29 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [147365] FS/FT: Kenwood TS-140S & Ten Tec 6M Xvtr
Message-ID: <20030310.204320.-347839.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I really hate to have to list this gear, but college expenses are coming up for my daughter.

We need an IMac for her for college, so I am listing the following for sale or trade:

Kenwood TS-140S with 500 hz CW filter, operators manual and service manual on CD-ROM. The rig covers 160 - 10 Meters and will crank down to QRP with ease. Also included is the Ten Tec 1208 transverter for 6 Meters. This provides coverage for 6 Meters at about 8 watts PEP.

Asking \$450 plus shipping or I will trade for an Apple IMac

The older IMac with the CRT would be fine, but Andrea will need the faster processor and 256 MB of RAM. I would like to discuss a trade if you have one and the Kenwood/Ten Tec station would be of interest.

Drop me a line directly at the following address:

wb2vuo@frontiernet.net

Thanks.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Mon, 10 Mar 2003 20:43:16 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [147366] FS: Icom IC-2100H 2M FM rig
Message-ID: <20030310.204320.-347839.2.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I am selling the following:

An Icom IC-2100H mobile. This is a current model, but with the older style mike. The rig runs 5/25/50 watts in the 3 power levels and I won it last September at the Elmira Hamfest.

It's been used here in the shack and never mobile. The mike has remote control capabilities and you can do almost everything other than adjusting the volume with the mike.

Asking \$120 shipped

Please contact me at the following address:

wb2vuo@frontiernet.net

Thanks.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Mon, 10 Mar 2003 20:14:25 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [147367] SideKick
Message-ID: <006c01c2e773\$f0d2d740\$159b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI Gang,

I still get requests to see if we still have any SideKick receivers left and are we still doing the Tuna Tin II transmitter? The answer to both is YES. There is a limited supply of SideKicks left (around 50). so don't delay if you want one. For more information please go to:
<http://www.w5jay.net/kits/kits.htm>

Many thanks and 73 de jay..

Date: Mon, 10 Mar 2003 20:36:34 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <w8diz@fpqrp.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147368] Re: Manhattan vs. Ugly Construction
Message-ID: <007601c2e777\$08f391e0\$0200000a@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

My opinion--

Ugly is faster initially. Obviously, because you don't mess with pads, just put in the components. But you're normally going to put a little "eye" or something in the leads where they connect, for some mechanical strength and to hold 'em together while you solder.

That makes Ugly a little more difficult to take apart for modifications, though I guess you could just clip the leads.

I'd imagine that the little bit of capacitance of pad-to-ground might be a small disadvantage with Manhattan. But I've never heard anyone suggest that it's a real problem at HF.

I usually gravitate toward what's fastest, which would mean Ugly, but these days I find myself doing mostly Manhattan.

72--Nick, WA5BDU

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, March 10, 2003 8:26 AM
Subject: Manhattan vs. Ugly Construction
>
> Can someone THAT HAS DONE BOTH tell me the
> advantages of Manhattan vs Ugly if there are any?

Date: Mon, 10 Mar 2003 20:49:24 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Zed - K5ZTY" <k5zty@juno.com>, "W5TA - Dick" <w5ta@austin.rr.com>, "W5MJ" <w5mj@houston.rr.com>, "W5HNS - Henry" <w5hns@aol.com>,
Subject: [147369] Pesky Texan Armadillo Chase - Last Update
Message-ID: <008001c2e778\$d7e695a0\$9506fea9@station2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just two more nights before the Chase. Get your rigs warmed up - the Armadillos have been planning their strategy -

Should they stay on one frequency and be easy to be found or QSY every "X" Qs.... only time will tell.

Don't forget the rule change. The first place Chaser will be decided based on the shortest elapsed time to score a sweep. If two Chasers sweep in the same elapsed time, the tie will be decided by the earliest finish.

Info can be found at: <http://www.w5nc.org/ptac/default.htm>

Hope to work you ! ! !

72,

Bruce - N1LN (alias K5PTC - BOB)

Date: Mon, 10 Mar 2003 19:56:50 -0700 (MST)
From: "Mike" <kw1nd.web@homeinternet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [147370] Re: A K2 Borrower Speaks
Message-ID: <32787.216.222.109.179.1047351410.squirrel@webmail.velocitus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

> As a personal opinion, a computer interface should be
> standard equipment, not an option.

No, that's one of the beauties of the K2 system. You can make it as full featured as you like, or as minimal as you like. If you want the KI02 as "standard," just order it at the same time as the rig itself and treat it as the 4th "standard" board.

So far, I haven't had a use for the KI02, and I've had my rig almost 4 years. No, I'm not neanderthalic: I work for a THE big printer/PC manufacturer, live on a computer at work and have begun using Linux at home & Unix at work almost daily, and am not even 35 yet. I used to own a TenTec RX-320 PC-controlled receiver (awesome receiver!) but quickly grew tired of not having a real knob to spin (yeah, I know there were aftermarket devices). When I come home, the last thing I want to do is fire up a computer to run my radio.

OTOH, I'm sure there are thousands of hams out there, apparently like the original poster, who swear by mouse clicking all the way to DXCC. Absolutely nothing wrong with that, it's just that I'm not there right now and am happy I didn't have to pay for an option I don't use.

I think it's a tribute to Eric & Wayne that the K2, essentially designed upwards of 5 years ago, has needed only minimal actual changes to be able to accomodate all the options they didn't have the time to produce for 2, 3, 4 years later.

73,

Mike, KW1ND
Nampa, Idaho

Date: Mon, 10 Mar 2003 20:36:55 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <ekdave@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147371] Re: Schematic Software
Message-ID: <002601c2e787\$d8e54320\$c38db3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You've got my vote for Eagle...great software! I do all my HAM related projects in Eagle...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----
From: Dave Ek <ekdave@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, March 10, 2003 5:09 PM
Subject: Re: Schematic Software

> The free version of Eagle will actually create a .bmp for you. Choose
> Export
> from the File menu, and then select Image from the list that pops up.
> I
> think this is a relatively recent addition to the software (like
> around
> version 4.0). You'll still need to convert it to a .jpg or .gif, but
> as
> others have pointed out, there's lots of software available to do that
> for
> you.
>
> 73 de Dave NK0E
>

>
> > The free evaluation version of Eagle will probably do what you want.
Use
> the
> > PrtSc key to copy the image to the clipboard and paste it into MS
Paint to
> > create a GIF.
>
>

Date: Mon, 10 Mar 2003 23:43:23 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147372] Re: Code Problems
Message-ID: <20030311044525.WKU5145.imf33bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/25/03 6:32 PM, Karl F. Larsen at k5di@zianet.com wrote:

>
> If your going to copy the Morse Code you need to make some plans
> before starting. At speeds below about 10 WPM you can and should print
> each character. At speeds above 10 WPM you must write longhand so you
> can write as fast as the code is being received.

I dunno Karl. When I learned code fast enough to pass the 20 wpm (back in the days when you took the test from a steely-eyed FCC examiner), it permanently altered my handwriting. I never write anything longhand anymore -- it's too slow! I just print very, very fast. I can print about 25-30 wpm, but no one can read it but me.

> After 9 years of college I had avoided learning how to type, how
> to spell, how to paint.

Who says you're too old to learn? Typing is a skill, and any skill only requires lots of practice. I taught myself to type with a manual typewriter in the eighth grade. No classes. I've now had 25+ years of daily typing sessions, so I can type 80-100 wpm. You can learn as well.

> So today I must write longhand on paper when I
> copy code.

Ah, that's your mistake. I figured this out about 8 years ago. The key to

copying QRQ code is simple -- throw your pencil away. Learn to copy in your head.

None of the QRQ ops I know ever write anything down. I remember watching W7FB (ex-W0MHS) at Field Day one year for the Atlanta Radio Club. Dave would be talking to people while he was making contacts. He copied code just as you would listen to someone speak.

The only way is with practice. Every time I get a chance to get on the radio, I try to practice copying code in my head. I can do OK in contest exchanges, although I often lose my place in conversational QSOs.

> I tried using the computer to type what I was receiving in code
>and it was a total failure! So another thing I didn't learn was that a
>dit da makes my left little finger hit the a.

The real good QRQ ops copy behind, so they don't tie the code directly to finger movements. They more or less copy entire words.

> Last, the Koch random sending is very hard to copy. You can't
>remember and predict what is next. But if you can copy this at 20 wpm
>your going to copy plain text really well!

Yup. True of any random text. That's why random 5 character groups are great practice.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 10 Mar 2003 23:36:25 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147373] QSL Software
Message-ID: <001201c2e7a2\$58893360\$18fa998d@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

What software do you recommend for designing/publishing QSL's? I'd like to add Manufactures logo. 73, Ron W2WU

Date: Mon, 10 Mar 2003 22:50:27 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: william.noyce@hp.com, qrp-1@Lehigh.EDU
Subject: [147374] Re: Mutual Inductance Coefficient and Toroid Impenace
Message-ID: <F327d06SR00BnRka8Th000002668@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

In addition to what has already been said:

It is interesting to note that the inductance of two series coupled inductances is..

$L = L1 + L2 + 2M$ if they are connected aiding (in phase)
and

$L = L1 + L2 - 2M$ if they are connect bucking (out of phase)

Where M is the mustual inductance and $M = K \cdot \text{sqr}(L1 \cdot L2)$.

K is the coeficient of coupling.

Experimentally one can make the aiding reading and the bucking reading and if L1 and L2 is read separately, the two above equations can be solved simultaneously to get M.

It is also interesting to note that if $K=1$ and $L1 = L2$, it proves that the total aiding inductance is equal the square of the turns ration when coupling is unity.

I have made readings on two air wound inductors that have slightly different diameters so that they can be slid into each other for coupling and have come up with $K=.8$ when fully coupled while windings on toroids may get $K=1$

Have fun. 72 Mert WOUFO MNQRP

>From: "Noyce, Bill" <william.noyce@hp.com>
>Reply-To: william.noyce@hp.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Mutual Inductance Coefficient and Toroid Impenace
>Date: Mon, 10 Mar 2003 13:19:29 -0500
>
> > (1) The turns ratio (P:S) is 1:11 so presumably he wants to
> > match 50 ohms to the square of (50x11)? Huh? 300 Kilohms?
>
>No, it sounds like it's matching to 50 times the square of 11,
>or about 6 Kohms.
>
> > (2) How does one -- generally -- determine the impedance of

> > the windings of a toroid transformer? Inductor?
>
>The inductance of a toroid is proportional to the square of the
>number of turns (each pass through the center counts as a turn).
>The constant of proportionality, called $A_{sub}L$ varies with the
>material, and is listed in the ARRL Handbook, or on these Web
>pages:
>
><http://www.bytemark.com/products/iptcal.htm>
><http://www.bytemark.com/products/ferral.htm>
>
>Note that the Iron-Powder cores list the proportionality constant
>in microhenries per 100 turns, while the Ferrite cores list it
>in millihenries per 1000 turns. Be sure you know which you're
>using!
>
>Given the inductance and your frequency, compute impedance as
> $Z = 2\pi f L$ (Z in ohms, f in Hertz, L in Henries).
>
>
>3. Mutual inductance depends on the coupling coefficient,
>or "k" in your formula. For toroidal transformers, it is
>pretty close to 1, but for other transformers it can be less.
>Thus, $M = k \sqrt{L_p \times L_s}$.
>Sounds like you've got a pretty good grasp of that.
>
> -- Bill, AB1AV

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<http://join.msn.com/?page=features/featuredemail>

Date: Mon, 10 Mar 2003 23:58:17 -0500
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [147375] Re: Manhattan vs. Ugly Construction
Message-ID: <3E6D2699.18688.36C0785@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hello Jim, Diz, and all,

Far be it for me to disagree with a "Homebrew Master" like Jim, but my preference leans toward ugly construction techniques.

I have used both methods successfully and agree that the Manhattan method lends itself to neatness and ease of troubleshooting, provided that the pad layout is well-

planned. On the other hand, most of my "ugly" projects end up being quite neat as well. "Ugly construction" doesn't necessarily equate to hastily soldered together circuits, or wires flying everywhere. Neatness mostly depends upon the builder, and

I would encourage a builder using either of the techniques to spend quite a bit of time considering the circuit layout before the soldering iron gets turned on.

My first projects using ugly construction were indeed ugly. But, as one gains experience, a well diagrammed schematic can be followed across a board without too many odd or cumbersome joints. I like to follow right angle paths as much as possible and that lends to a fine looking finished project.

I also think that ugly construction works better if one of the goals of the builder is compactness. I built a 20m Micro-mountaineer onto a 3" x 2" workspace. That could not have been done using Manhattan pads, but you're right Jim, I fortunately didn't need to trouble shoot it. Hi.

I am quite indebted to Jim, if perhaps he doesn't know it. The neat layouts of his projects have challenged me to be just as neat with my own. Thanks, Jim.

Lately, I have been using a variant of the Manhattan technique (I guess you could call it that) in my surface mount projects. I dremel the "pads" for the components.

Just some thoughts,
Ed AA3SJ

Date: Tue, 11 Mar 2003 00:17:34 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [147376] how to jump in?
Message-ID: <5.1.1.6.0.20030311001539.04b66348@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i got a qso on 40m today!

it was in the novice bands.. when i got home from work.. but they closed up really quickly.. and it was shortwave city after that..

so i checked around 7040, and that whole neighborhood was WAY crowded..

how is a guy to get a word in edgewise in there?

when things are like this, do you just have to wait til someone lets up on the frequency?

peace,

sergio

www.village-buzz.com - "the village buzz"

www.mp3.com/village_buzz - "the rock n roll, baby!"

www.coffee-black.com - rock photo!

phone ... 419 606 0557

to subscribe to The Village Buzz, send a blank email to:

VB-Announce-subscribe@yahoogroups.com

www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Tue, 11 Mar 2003 00:46:46 -0500

From: "K8YS/N8LBR" <jbcraft@adelphia.net>

To: <w2wurjj@verizon.net>,

"'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [147377] RE: QSL Software

Message-ID: <000001c2e791\$9b811f40\$18184644@lbrtoh.adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I use Photoshop

Bob

Date: Mon, 10 Mar 2003 23:24:23 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Win Dooley, Jr." <W5JAG@msn.com>,
"Wayne Johnson" <wb5ofn@cox-internet.com>, <TomRW5JM@aol.com>,
Subject: [147378] ArkieCon
Message-ID: <007701c2e78e\$956b3a80\$159b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.arkiecon.com/>

Hi gang again!

ArkieCon is near and the above link has all the information you might need. If you have attended ArkieCon in the past you know this is a very different QRP forum and varies from year to year. This year will be no exception. More on this later.

The ArkieCon date for this year is April 5th, but the QRPers show up in force on the evening of April 4th for a no host dinner at the Rib Eye. Also we are still doing the "Saturday night's Open House" held in the same room the QRP forums were in earlier that day. The Fort Smith QRP is still hosting a free barbeque again this year right before the "Saturday Night's Open House". So please plan to spend a couple of nights with us. Besides we all need a break from normal everyday life.

Check out this years guest speakers. We have Dave Benson from Small Wonder Labs, "Gentleman" Jim Cates from NorCal, "Dr. Megacycle" Jim Duffey, and Clifton Sikes coming this year. We still have a few in the wings, so we may have one or two more to announce later.

I could go on and on about how great our guest speakers are and I probably will later, hihi. Also part of the main show are the attendees. Attendees include those "Pesky Texans", other not so Pesky Texans :-), Clubs from St Louis, Iowa, Four State QRP, NorTex, AZ Scorpions, Houston QRP, ARCI, NJQRP, more QRPers right here from Arkansas/Oklahoma, east, west, north, and south of mid America. I am sure I missed one or two, but you get the idea. Saturday and Friday nights are some of my favorite parts of Arkiecon, just being able to fellowship with QRP's finest at one's own leisure!!

Speaking of Saturday nights open house the Four State QRP Club is coming down in force. Not that they haven't in years past, but watch out, these guys have their act together and are bringing their projects. I went to one of their meetings a few weeks ago and I have never seen anything like it

before. So guys don't let the Four State guys have all the fun, bring your projects and show them off! Doug Hendricks will be doing the building contests judging on Saturday Night.

There will be QRP stations set up on Saturday afternoon for you to try your hand at operating these fine QRP rigs. In years pasted we have had Dave Guading, Dennis Foster, Vern Wright, and Dr. Megacycle set up some fabulous QRP antennas for guys to hook up their rigs to. Some of these antennas are on the cutting edge! So if you are new to QRP and want to know what all the hub-bub is about, please join us. I guarantee you will have a super time.

The main prize for Arkiecon 2003 is a TenTec Argonaut V. This is a fun rig to use and we will have it set up for you to compare it with the other rigs in attendance. Also the Argonaut V will be in the next product review section in the April issue of QST, but you can see it now at:
<http://www.arrl.org/members-only/prodrev/pdf/pr0304.pdf>

Now I hear that George, W5YR, says he needs a Ten Tec in his shack and is going to win it! So to keep ole "Yellow Rose" George at bay you need to pre-register with Jerry Parker at: jparker@fix.net Why you ask? Well it gives us a nice head count for Saturday Nights FREE Barbeque and gives you an extra ticket for the main drawing. You get both at the door of the QRP forums from Miss Kathy, WQ5T. If you don't pre-register you can still get in on the fun, just show up and you get one ticket for the main drawing, get to hang out with some super QRPers, and it is all FREE. You must be present to win the Argo V. It will be given away at the end of the QRP forums. I must mention that there is small entry fee to get into the main hamfest which gives you access to all the QRP doings. The money goes to the Fort Smith AREA Amateur Radio Club that hosts this fine Hamfest and not to the Fort Smith QRP Group.

So I hope to see every one in a few weeks!

Many thanks and 73 de jay/w5jay..

Date: Tue, 11 Mar 2003 03:45:39 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [147379] Mystery part
Message-ID: <5.2.0.9.0.20030311032645.00a34180@Earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear gangue.

I bought a bag of Dan's Tektronix parts.....lots of high quality resistors, zeners, capacitors etc.

One part has me scratching my head.

2 leads glass enclosed and about the size of a 1/4 watt resistor. The color code is Ora Blue ____red.

Resistance readings are way up there and does not wiggle the meter. No front to back.

The AADE meter shows no inductance and < 1 pF capacity. I cracked one open as there several hundred.

and inside is a small slug resembling a dogbone. The dogbone appears to have a film coating with a gap in the middle

Perhaps an arc supressor??

Anybody know what these are?

73

Pete NV4V

Date: Tue, 11 Mar 2003 06:11:21 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <kw1nd.web@homeinternet.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [147380] Re: A K2 Borrower Speaks

Message-ID: <010a01c2e7be\$f45af780\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> > As a personal opinion, a computer interface should be

> > standard equipment, not an option.

>

> No, that's one of the beauties of the K2 system. You can make it as full

> featured as you like, or as minimal as you like. If you want the KI02 as

> "standard," just order it at the same time as the rig itself and treat it

> as the 4th "standard" board.

>

> So far, I haven't had a use for the KI02, and I've had my rig almost 4 > years.

>

> Mike, KW1ND
> Nampa, Idaho

I agree. When I bought my K2 I started adding every option (except the battery) as it was available.

But since installing the IO option (I was one of the testers) I haven't used it, other than a bit of play. In fact, it hasn't even been hooked up since last summer... I just use the radio by itself.

Options are options, not 'must have and use'.

Mike

Date: Tue, 11 Mar 2003 07:03:41 -0500
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [147381] Michigan QRP Net
Message-ID: <0FAF87F3F4.3D5A9329-0N85256CE6.00422599@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Wow what a great turn out for the net last week. Twelve QNIs from seven different states. Conditions were good. There was a general consensus that we were all very ready for spring.

	S	R	
WA8BXN	599	599	CLEVELAND OH MIKE
KB8BO	599	599	WEST BLOOMFIELD MI JOE
K8CV	599		ROYAL OAK MI WALT
WS3K	599	589	LEWISTOWN PA DON
W8IQB	569	599	BRISTOL MI LOWELL
N8UN	579	599	EAST JORDAN MI ED
W8ERN	599	599	BRIGHTON MI ANGELO
WA8REI	549	599	FREELAND MI KEN
KE4JZG	579	439	MATTHEWS NC STEVE
N1CUU	579	579	GETTYSBURG PA CARL
WB2WGX	599	599	BUFFALO NY RICH
W2SH	339	569	MILLINGTON NJ CHARLES

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. All hams are welcome.

Ed AB8DF

Date: Tue, 11 Mar 2003 07:57:42 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [147382] K10 Keyers and HTX-10 CW &c
Message-ID: <3.0.2.32.20030311075742.007ee510@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The question was asked at a club meeting recently about CW with rigs like the RS HTX-10 and 2-meter FM.

This is not a new idea and N5IB's article in the April 2000 QRP Quarterly got me thinking about other options. Several messages have shown up on QRP-L from time to time too.

Having the functions provided by the various keyer kits seemed like a good idea. There are several options for kits and keyer chips that can be used as the main *engine* too. As a minimim, they all provide a keying output and a sidetone. One of my memory keyers is a K10 (now K10+) by K1EL.
<http://k1el.tripod.com/>

I hadn't read the downloadable manual for anything beyond the functions that I wanted to use. So I read the manual in detail to see what other features were provided by the keyer. One feature is the use of the keyer for HSCW in various configurations. And there it was!

The G command.

The K10+ *G* command toggles keying from normal (N) to audio frequency (AF). The keyed output is used to control PTT and a delay is built in to keep the transmitter keyed between CW letters. Additional filtering for the sidetone and level attenuation is added to provide a clean signal at the proper level for the microphone input. The manual includes descriptions and illustrations to show you how its done.

For a minimum investment, you can have a nice memory keyer that will key your regular rig and provide MCW for those rigs that don't have CW capability. Neat!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters

QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Tue, 11 Mar 2003 09:00:37 -0500
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147383] Re: Buildathon at FDIIM 2003
Message-ID: <001b01c2e7d6\$97e4ff60\$3950a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just wanted to make an unsolicited testimonial for this event. I attended last year and it was a blast, plus you left with a very useful device. It is also a great way to meet some of those QRPers you have only heard on the air. If you can go (especially if you are relatively new to building) GO!

Unfortunately, I will miss it this year ... :-(

Peace & 73
Stephen
W3SMK
K2 #2644

Date: Tue, 11 Mar 2003 09:02:27 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-l@Lehigh.EDU
Subject: [147384] ARRL Poll
Message-ID: <3E6DEC73.0000009.46113@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Note that on the ARRL Web Page there is a poll, "What percentage of your time do you operate CW?"

I would strongly urge everyone to get in there and VOTE! I note that the NO-CWers" have a lead.

Most of these polls are meaningless, but in this case I fear our Representative Body" might use the results as an excuse to petition the FCC

to further cut the CW bands, or some other travesty. It has been done before!

+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Tue, 11 Mar 2003 07:56:13 -0600
From: dnt1@daimlerchrysler.com
To: qrp-l@lehigh.edu
Cc: NN4S@ARRL.NET
Subject: [147385] I'm back!
Message-ID: <OFAED0A75B.62F31A16-0N85256CE3.006C6FD7@wk.dcx.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Hi All,

After quite a hiatus due to many varying factors in my life (both personal and professional), I am slowly getting back into HF & QRP operation. I decided to set the list to "ACK" again a couple of weeks ago while things got settled back in to try and see who's still around from when I was last active in '98 or '99 (seems like much longer!). I've got some unfinished business that I need your help with, so I'm just gonna go ahead & ask for it! :-)

With the rather abrupt halt to my radio activity also came confusion in record keeping and the location of things pertaining to it. I'm still unpacking boxes and finding lost QSLs and possibly unanswered cards. My son's (KF4YWT) logbook from the N/T+ foxhunts went missing as well and I have yet to come across it. I know that there are QSLs that need to be answered from both of our logs, but am uncertain which ones they are. I am looking for both the records from those N/T+ hunts (Doc, I hope that maybe you've got them still) and anyone with an unanswered QSL from AI4CW that would like to have the favor returned. I will go through the stack of cards to compare the data you send for it's verification since I can't find the logs; I just don't know who has been replied to already & who figured I just fell off the earth! This is my attempt to close out the logs for anyone who still is looking for AI4CW & KF4YWT so that we can start operating again fresh with new logbooks (computerized this time around)!

I have recently changed my call to NN4S (my grandfather, John Price, was the original holder and the one who introduced me to ham radio; most recently it was held by Hal Vincent, a very fine OM who was very active in many aspects of our hobby from what I've gleaned from his friends) and I

really want to make sure that all of my business as AI4CW is properly closed out before doing any major operating as NN4S. I've got some mighty big shoes to fill there and don't want anything from my past operations to stand in my way while trying to do so. Thanks for any assistance you can offer with this matter and for those of you who are due QSLs, for your patience and help in making this right.

72/73, Don T. NN4S (ex AI4CW) QRP-L#1670 FISTS# 4473
NN4S@ARRL.NET (h)

Date: Tue, 11 Mar 2003 07:57:25 -0600
From: dnt1@daimlerchrysler.com
To: qrp-l@Lehigh.EDU
Subject: [147386] Re: What's the date?
Message-ID: <0F2A7FD750.861841D7-0N85256CE3.006C9CD2@wk.dcx.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

> International Standard ISO 8601 defines the International Standard
> Date and Time Notation. At this time, the standard format is:
>
> YYYY-MM-DD
>
> Note that the year is four digits, and both year and day are two
> digits. Therefore 1 January 2003 would be 2003-01-01.

If they want a standard that couldn't be confused then a simple progression or regression of places would take care of that, IE:

2003 MAR 07 or 07 MAR 2003 (4-3-2 or 2-3-4) are simple placements that would allow for no confusion in their interpretation via person or computer. A simple bit switched when seen one way or the other would allow correct filing in databases by placing the year or day into the correct column for that database; a simple table can replace the people-friendly month abbreviation with the numeric value for more compact storage. Neither computer nor person has to second guess what the information is because it's clearly spelled out in the format!

72/73, Don T. NN4S (ex AI4CW) QRP-L#1670 FISTS# 4473
NN4S@ARRL.NET (h)

Date: Tue, 11 Mar 2003 09:05:01 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147387] Re: ArkieCon
Message-ID: <000d01c2e7d7\$3754bb80\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Jay,

Where is ArkieCon located? Have a website with map?
What is camping cost? Restrictions? General info?

I know nothing about it; may try and attend. Also, you
way want to inform the rest of QRP-L on this info.

TNX

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 11, 2003 12:24 AM
Subject: ArkieCon

<http://www.arkiecon.com/>

Hi gang again!

ArkieCon is near and the above link has all the information you might need.
If you have attended ArkieCon in the past you know this is a very different
QRP forum and varies from year to year. This year will be no exception.
More on this later.

The ArkieCon date for this year is April 5th, but the QRPers show up in
force on the evening of April 4th for a no host dinner at the Rib Eye. Also
we are still doing the "Saturday night's Open House" held in the same room
the QRP forums were in earlier that day. The Fort Smith QRP is still

hosting a free barbeque again this year right before the "Saturday Night's Open House". So please plan to spend a couple of nights with us. Besides we all need a break from normal everyday life.

Check out this years guest speakers. We have Dave Benson from Small Wonder Labs, "Gentleman" Jim Cates from NorCal, "Dr. Megacycle" Jim Duffey, and Clifton Sikes coming this year. We still have a few in the wings, so we may have one or two more to announce later.

I could go on and on about how great our guest speakers are and I probably will later, hihi. Also part of the main show are the attendees. Attendees include those "Pesky Texans", other not so Pesky Texans :-), Clubs from St Louis, Iowa, Four State QRP, NorTex, AZ Scorpions, Houston QRP, ARCI, NJQRP, more QRPers right here from Arkansas/Oklahoma, east, west, north, and south of mid America. I am sure I missed one or two, but you get the idea. Saturday and Friday nights are some of my favorite parts of Arkiecon, just being able to fellowships with QRP's finest at one's own leisure!!

Speaking of Saturday nights open house the Four State QRP Club is coming down in force. Not that they haven't in years past, but watch out, these guys have their act together and are bringing their projects. I went to one of their meetings a few weeks ago and I have never seen anything like it before. So guys don't let the Four State guys have all the fun, bring your projects and show them off! Doug Hendricks will be doing the building contests judging on Saturday Night.

There will be QRP stations set up on Saturday afternoon for you to try your hand at operating these fine QRP rigs. In years pasted we have had Dave Guading, Dennis Foster, Vern Wright, and Dr. Megacycle set up some fabulous QRP antennas for guys to hook up their rigs to. Some of these antennas are on the cutting edge! So if you are new to QRP and want to know what all the hub-bub is about, please join us. I guarantee you will have a super time.

The main prize for Arkiecon 2003 is a TenTec Argonaut V. This is a fun rig to use and we will have it set up for you to compare it with the other rigs in attendance. Also the Argonaut V will be in the next product review section in the April issue of QST, but you can see it now at:
<http://www.arrl.org/members-only/prodrev/pdf/pr0304.pdf>

Now I hear that George, W5YR, says he needs a Ten Tec in his shack and is going to win it! So to keep ole "Yellow Rose" George at bay you need to pre-register with Jerry Parker at: jparker@fix.net Why you ask? Well it gives us a nice head count for Saturday Nights FREE Barbeque and gives you an extra ticket for the main drawing. You get both at the door of the QRP forums from Miss Kathy, WQ5T. If you don't pre-register you can still get in on the fun, just show up and you get one ticket for the main drawing, get to hang out with some super QRPers, and it is all FREE. You must be present to win the Argo V. It will be given away at the end of the QRP forums. I

must mention that there is small entry fee to get into the main hamfest which gives you access to all the QRP doings. The money goes to the Fort Smith AREA Amateur Radio Club that hosts this fine Hamfest and not to the Fort Smith QRP Group.

So I hope to see every one in a few weeks!

Many thanks and 73 de jay/w5jay..

Date: Tue, 11 Mar 2003 07:25:37 -0700
From: "P. Ermisch" <ermisch@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147388] Re: [RE: QSL Software]
Message-ID: <488HckoZl0304S17.1047392737@uwdvg017.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Same here. And have used recent versions of MS Publisher.

To me the difficult part is not the software but the printing. I see other folks nice, self-published QSLs and wonder how they keep the paper straight in the printer. I gave up and sent my design to a professional printer (FDS-Graphics) and am much more satisfied with the results.

So my answer to which software is, "depends on what kind of quality you want to produce." Almost any graphics software will do it. There are a couple of QSL-printing programs out there (W7NN? and N3JPL?) and many logging programs include QLS-printing capabilities. =

Paul KB0LUR

"K8YS/N8LBR" <jbcraft@adelphia.net> wrote:

> I use Photoshop

> =

> =

> Bob

> =

Date: Tue, 11 Mar 2003 09:00:11 -0600
From: "Brockwell, Stephen E. CECOM SEC FSSE GPI"
 <steve.brockwell@us.army.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [147389] Ghost towns in Oklahoma for QRPTTF
Message-ID: <D9781901107D6A4AB59B567ED74090B454DE09@pandora.fssec.army.mil>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I think I have my email problems fixed now.

Hopefully I will be operating from the ghost towns of either Santa Fe (a few foundations), Wildman (ruins of an old cyanide gold mill), Non (only a cemetery now), or Lugert (under the Altus-Lugert reservoir - but visible in this drought period) for this coming QRPTTF. There are a couple of hundred (some say 2000) ghost towns in this state and I plan on using one from a book on the Oklahoma ghost towns. Working with a terrible/shaky/slow/bad fist (pick any two)so I can help put the "O" in "gh0stt0wn" for some folks.

If someone in Eastern Oklahoma or Arkansas wants to, they could work out of the ghost town of America, Oklahoma deep in the Ouchita National Forest.

Should be fun.

Steve KC5TTY
Elgin, OK

Date: Tue, 11 Mar 2003 07:11:24 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <sergio@village-buzz.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147390] Re: how to jump in?
Message-ID: <003c01c2e7e0\$7b55db30\$9110010a@fresno>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

=====
Bill Jones - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

----- Original Message -----
From: "sergio" <sergio@village-buzz.com>
> so i checked around 7040, and that whole neighborhood was WAY crowded..
>
> how is a guy to get a word in edgewise in there?

Turn your VFO dial until you find a clear frequency.

Date: Tue, 11 Mar 2003 10:34:19 -0500
From: Haines Brown <brownh@hartford-hwp.com>
To: dnt1@daimlerchrysler.com
Cc: qrp-1@Lehigh.EDU
Subject: [147391] Re: What's the date?
Message-ID: <200303111534.h2BFYJjR032568@hartford-hwp.com>

Don,

I reply to your observation, but really to a person who some time ago made this a political issue, which is why I didn't answer lest it become an OT thread. A lot of interesting things could be said about international standards and ham radio, such as band allocations, and it might be a good idea to debate the issue in terms of them, rather than merely the format of dates, which seems a petty matter.

Your point about place being a sufficient indication of function is obviously correct. However:

a) That's not in fact the standard, which specifies as well the direction of the data, the use of digits to convey it, the number of these digits, a radix=10, and the use of Arabic numbers. A standard does not imply there are no other ways of doing things that may be useful or legitimate, but merely that for the sake of communications and economic efficiency there's need of a standard that is hopefully well-considered.

b) There may be situations in which one can't or won't accept a particular standard, but that's not the same as rejecting standards merely because it is the fruit of bureaucratic decision making or not favored by the U.S. government, etc. It's only natural for those in power to impose their standards on everyone else, for that's in part what power means. They may get away with it at first, but in the long run there will be an accomodation, one way or the other. The object is not end up on the loosing end. Since I have no power or economic interest to speak of, I personally have nothing to gain by resisting the rest of the world. That others may feel differently is a personal matter and so hardly worth debating.

Haines KB1GRM

Date: Tue, 11 Mar 2003 09:26:40 -0600
From: "Joe Martin" <km5cw@arrl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [147392] Re: ARRL Poll
Message-ID: <00ea01c2e7e2\$9e0d6ba0\$d343adcf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the tip,,here's the latest figures,,everyone that can vote please do.

I do not operate CW at all	39.1 % (323)
Less than 25%	20.9 % (173)
26-50%	7.0 % (58)
51-75%	7.9 % (65)
76-100%	25.2 % (208)
Total votes:	827

73 de KM5CW Joe
FISTS #4217 QRPARCI #11368 NETXQRP#42
GRID-EM13kf - DFW-TX
(<http://web.wt.net/~km5cw>)

----- Original Message -----
From: "W2AGN" <w2agn@w2agn.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 11, 2003 8:02 AM

Subject: ARRL Poll

> Note that on the ARRL Web Page there is a poll, "What percentage of your
> time do you operate CW?"
>
> I would strongly urge everyone to get in there and VOTE! I note that the
> NO-CWers" have a lead.
>
> Most of these polls are meaningless, but in this case I fear our
> Representative Body" might use the results as an excuse to petition the
FCC
> to further cut the CW bands, or some other travesty. It has been done
> before!
>
> +---+---+---+---+ John L. Sielke
> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Tue, 11 Mar 2003 11:28:14 -0400
From: "Heimo J. Lyden" <sm6lod@golfinho.com>
To: elecrafter@mailman.qth.net
Cc: qrp-1@Lehigh.EDU
Subject: [147393] EQP comments solicited (Bob Patten)
Message-ID: <opr1vmlck17lsb7k@localhost>
Content-Type: text/plain; charset=iso-8859-15; format=flowed
MIME-Version: 1.0

I was really looking forward to this qso party with other Elecrafters.
But on Friday noon, while a friends wife of mine was walking my dog
Pierrot, he found a bone, and although she almost immediately took it out
of his mouth, after about 100 meters he just fell down on the road. He just
could not stand on his legs. Given that we have had five other dogs
poisoned by rat poison in this area, whe understood that this was
serious. Someone is putting rat poison on bones and throwing them beside
the road. The Vet was closed until 1500 and the emergency 24 hour Vet did
not even answer the phone. Christine, who knows a lot about nature medicin
run to a neighbours garden a found a fruit that contains vitamin K. We fed
him with this for a couple of hours before we arrived at the Vet's office.
She gave him a shot of athropin, which most of you who have been soldiers
know is good against most toxic agents. She kept him overnight for
observation. I took him home on Saturday, very weak and with a bag loda of
medicins. So to the enter the EQP at that moment was out of question.
Finally on Sunday morning when he was sleeping after having his medicin I
tried to listen around a little bit. I tried a little bit cq and answering

others, but to no avail. But then, of course, I heard Bob W0S0C, not very strong, but there a contact. Usually Bob is very strong from Florida, even at 5W, and this gave me the indication that the condx were way down from the Caribbean. Do I still have to submit the log for one qso, just to enable Bob to count me in? Or is it like in normal contests, that you just jump in and your qso is validated anyway? Well, I was on battery power, so that already gives me 25 points. I think I am the only K2 on this island. And being that FG is a considered a country, I might gain the award for my country :-)

I hope someone will arrange another EQP in the very near future. I really would like to make No. 1 and 2 and of course, by that time, I sincerely hope that N0SS will be there. Best wishes for recovery to you OM.

73

Heimo FG/SM6LOD PY2ZOD (and once 5B4QN. Never renewed that license)

Date: Tue, 11 Mar 2003 09:39:04 -0600
From: "Michael Morgan" <michael@aa5sh.com>
To: <qrp-1@lehigh.edu>
Subject: [147394] OT: Manual for Kikusui COS6100M Scope
Message-ID: <003e01c2e7e4\$59ffa0c0\$1001680a@BRISADMIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just purchased the above scope and would like to get a manual for it. I have searched around and cannot find any place selling them so I was hoping someone on the list may have one they can make a copy of. If you do please let me know.

Thanks

Michael, AA5SH

Date: Tue, 11 Mar 2003 16:15:04 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: qrp-1@lehigh.EDU
Subject: [147395] QRPTTF
Message-ID: <20030311.081543.17950.135469@webmail07.lax.unttd.com>

There are no Ghost towns around Houston that I know of. So I am going to go "Field" and operate on the top of a 13 story bldg running 500mw or less on batteries. Have asked N0QT to consider making a QRPP category to inhance others to use real QRP power levels.

Wayne_W5KDJ
NW Houston
SVOWWW_TF2WJN
ARCI_11325 * ARS_1392 * SOC_538

Date: Tue, 11 Mar 2003 10:28:17 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [147396] FSQRP Slow Speed CW QRP Net
Message-ID: <000101c2e7eb\$38bc71c0\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang:

Tonight is the FSQRP Slow Speed CW Net. This is a new net, especially designed for the newer and rusty CW operators to help gain some on-the-air CW experience.

Look for us on 3560 KHz (possibly up one or two KHz in case the frequency is occupied) at 9:00 PM Central time.

This is a fun way to get some CW experience and chew the rag with some of the other QRP'ers around the area. Shaky fists welcome.

See you tonight!

Dave

David Bixler W0CH

Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>

Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Tue, 11 Mar 2003 08:45:52 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: w5kdj@juno.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147397] Re: QRPTTF
Message-ID: <20030311164552.4466.qmail@web41009.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Wayne_W5KDJ <w5kdj@juno.com> wrote:
>
> There are no Ghost towns around Houston that I know
> of.

http://www.texasescapes.com/TOWNS/Texas_ghost_towns.htm

Do you Yahoo!?
Yahoo! Web Hosting - establish your business online
<http://webhosting.yahoo.com>

Date: Tue, 11 Mar 2003 08:48:22 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147398] Re: ARRL Poll
Message-ID: <002001c2e7ee\$0736cda0\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well what makes me a little mad is, from time to time they have to throw in a "do you operate CW" question. This I am sure is just to prove that it is

not needed or used. And I do feel sorry for the operators that do not use this mode. they are missing out on a lot of fun, not just operating this mode but making your own gear and getting on the air with it..

Rich / WD6FDD

----- Original Message -----

From: "Joe Martin" <km5cw@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, March 11, 2003 7:26 AM

Subject: Re: ARRL Poll

> Thanks for the tip,,here's the latest figures,,everyone that can vote please

> do.

>

> I do not operate CW at all 39.1 % (323)

> Less than 25% 20.9 % (173)

> 26-50% 7.0 % (58)

> 51-75% 7.9 % (65)

> 76-100% 25.2 % (208)

> Total votes: 827

>

> 73 de KM5CW Joe

> FISTS #4217 QRPARCI #11368 NETXQRP#42

> GRID-EM13kf - DFW-TX

> (<http://web.wt.net/~km5cw>)

> _ _ _ _ _

>

> ----- Original Message -----

> From: "W2AGN" <w2agn@w2agn.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Tuesday, March 11, 2003 8:02 AM

> Subject: ARRL Poll

>

>

> > Note that on the ARRL Web Page there is a poll, "What percentage of your
> > time do you operate CW?"

> >

> > I would strongly urge everyone to get in there and VOTE! I note that the
> > NO-CWers" have a lead.

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> FCC

> > to further cut the CW bands, or some other travesty. It has been done
> > before!

> >

> > +---+---+---+ John L. Sielke

> > |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> > +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
>

Date: Tue, 11 Mar 2003 11:51:29 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: buddipole@yahoogroups.com, qrp-1@Lehigh.EDU
Subject: [147399] Improving Buddistick Efficiency
Message-ID: <B4CA6FE6-53E1-11D7-8092-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Folks :

I recently purchased a Commercial Buddistick vertical for portable operation and have been wondering how much of an improvement in efficiency there would be by lengthening the relatively short bottom section of the antenna from 13" to 35" or even 57" by adding one or two additional Buddipole 22" arm extension pieces.

So, I got out my tape measure and loaded up AA6GLs Mobile.exe program for calculating efficiency etc. of mobile antennas (this software came with a recent version of the ARRL antenna book). I proceeded to "play" with the software to try out some what-if scenarios and my results are as follows.

Note .. I made a few assumptions so I suggest that you interpret these results with a grain of salt (ie don't quote me on these). The only input variable to the program that I fudged was the spacing of the turns in the coil (I used the default .51 dia) as the program did not appear to be happy with the close spacing of the turns on the actual Buddistick coil. So my suggestion is not to view these efficiencies as absolute but instead to focus on the % improvement by increasing the length rather than the absolute efficiency values. For ease of calculation I assume a ground loss of 0 % for all calculations so these results could also be viewed as ball-park theoretical maxes.

Buddistick with 13" base section - 14.1MHZ efficiency 77%, 2:1 SWR
bandwidth 131 KHZ
Buddistick with 35" base section - 14.1MHZ efficiency 90%, 2:1 SWR
bandwidth 234 KHZ
Buddistick with 57" base section - 14.1MHZ efficiency 95%, 2:1 SWR
bandwidth 346 KHZ

Buddistick with 13" base section - 7.1MHZ efficiency 21%, 2:1 SWR
bandwidth 40 KHZ
Buddistick with 35" base section - 7.1MHZ efficiency 37%, 2:1 SWR
bandwidth 48 KHZ
Buddistick with 35" base section - 7.1MHZ efficiency 51%, 2:1 SWR
bandwidth 57 KHZ

So you can see as is, the antenna has the potential for decent
performance as is but it
appears that adding one or even two additional 22" base sections at
US\$20 each is
well worth the cost.

Michael VE3WMB

P.S.

Note that any vertical antenna physically shorter than 1/4 wavelength
will have an impedance
somewhere in the 20 to 40 ohm range therefore some means is required
to match its
characteristic impedance to a 50 ohm transmission line otherwise the
SWR at resonance is
likely to be in the 2:1 range. This probably explains why a number of
people seem to complain
about never being able to get a decent match with antennas like the
MP-1 as well.

This mismatch can either be handled by a tuner or via some sort of beta
match at the base
of the antenna (Lakeview sells the WD4BUM inductimatch coil for
Hamsticks which should
do the trick).

Date: Tue, 11 Mar 2003 10:51:53 -0600

From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147400] Re: QRPTTF
Message-ID: <200303111749.LAA02863@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

How do you go about locating ghost towns?

Tim, N9PUZ

Date: Tue, 11 Mar 2003 11:55:04 -0500
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147401] Re: ARRL Poll
Message-ID: <000e01c2e7ee\$f68c0780\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Interesting poll. Looks like 76-100% CW operation is
in second place around 26%. Of course, less than 25%
is running around 20%.

+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://home.ptd.net/~k3ph |
+-----+

----- Original Message -----

From: "Joe Martin" <km5cw@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 11, 2003 10:26 AM
Subject: Re: ARRL Poll

> Thanks for the tip,,here's the latest figures,,everyone that can vote
please

> do.

>

> I do not operate CW at all 39.1 % (323)

> Less than 25% 20.9 % (173)

> 26-50% 7.0 % (58)

> 51-75% 7.9 % (65)
> 76-100% 25.2 % (208)
> Total votes: 827
>
> 73 de KM5CW Joe
> FISTS #4217 QRPARCI #11368 NETXQRP#42
> GRID-EM13kf - DFW-TX
> (<http://web.wt.net/~km5cw>)
> _ _ . _ . _ . . _ .
>
> ----- Original Message -----
> From: "W2AGN" <w2agn@w2agn.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 11, 2003 8:02 AM
> Subject: ARRL Poll
>
>
> > Note that on the ARRL Web Page there is a poll, "What percentage of your
> > time do you operate CW?"
> >
> > I would strongly urge everyone to get in there and VOTE! I note that the
> > NO-CWers" have a lead.
> >
> > Most of these polls are meaningless, but in this case I fear our
> > Representative Body" might use the results as an excuse to petition the
> > FCC
> > to further cut the CW bands, or some other travesty. It has been done
> > before!
> >
> > +---+---+---+---+ John L. Sielke
> > |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> > +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
>
>

Date: Tue, 11 Mar 2003 12:07:10 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: n9puz@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [147402] Re: QRPTTF
Message-ID: <3E6E17BE.AF8FA135@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.ghosttowns.com/>
This will take you to any State/province.....
Fred
VE3FAL

"Tim, N9PUZ" wrote:
>
> How do you go about locating ghost towns?
>
> Tim, N9PUZ

Date: Tue, 11 Mar 2003 09:09:50 -0800
From: "Bob Okas" <vintage2@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [147403] Positive resist exposure times?
Message-ID: <FHEJJJPJADNLFNJBBOFAMEKJCDA.vintage2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

This one has me stumped. I unsuccessfully attempted (twice) to expose a copper clad board coated with positive resist. In both cases, it appears that the exposure time was too short. Does anyone have experience making positive resist PC boards, preferably using Injectorall sensitized boards? I've made negative-resist boards using the same UV source, an F15T8BLB tube, and the results were great. The positive resist appears to be much slower.

Thanks,
Bob - W3CD

Date: Tue, 11 Mar 2003 11:19:09 -0600
From: "WN4M" <wn4m@charter.net>
To: <qrp-1@lehigh.edu>
Subject: [147404] RE: ARRL Poll
Message-ID: <NFBBIADNOEJIJNEEECMHAEOPDIAA.wn4m@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The way I read it, 60.1% of hams who voted use CW. That's not bad... higher than I expected in fact.

--... ..-- --... ..-- -... . .-- -.- --
73 72, Greg Tomerlin -WN4M
Wilson County, TN - EM66ud
wn4m@charter.net : www.qsl.net/wn4m
FPqrp# 517 : SOC# 555 : ARS# 1435

> I do not operate CW at all 39.1 % (323)
> Less than 25% 20.9 % (173)
> 26-50% 7.0 % (58)
> 51-75% 7.9 % (65)
> 76-100% 25.2 % (208)
> Total votes: 827

Date: Tue, 11 Mar 2003 12:30:20 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@Lehigh.EDU, flesnick@tbaytel.net
Subject: [147405] Re: QRPTTF
Message-ID: <3E6E1D2C.00000B.46113@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Note: "Ghost Towns" are not a requirement. Abandoned houses, etc also count.
I plan to operate from the site of an abandoned Lighthouse.

John W2AGN

-----Original Message-----

From: flesnick@tbaytel.net
Date: Tuesday, March 11, 2003 12:15:15 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QRPTTF

<http://www.ghosttowns.com/>
This will take you to any State/province.....

Fred
VE3FAL

"Tim, N9PUZ" wrote:

>
> How do you go about locating ghost towns?
>
> Tim, N9PUZ

.

Date: Tue, 11 Mar 2003 12:32:29 -0500
From: "K8YS/N8LBR" <jbcraft@adelphia.net>
To: <ermisch@usa.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [147406] RE: [RE: QSL Software]
Message-ID: <001201c2e7f4\$31784fc0\$18184644@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check this site for QSL maker
<http://www.hfradio.org/wb8rcr/>

Bob

Date: Tue, 11 Mar 2003 17:40:19 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <vintage2@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147407] Re: Positive resist exposure times?
Message-ID: <DAV14T4KEUHv7bcHme000057f6@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bob Okas" <vintage2@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, March 11, 2003 5:09 PM
Subject: Positive resist exposure times?

> Hi Folks,
>
> This one has me stumped. I unsuccessfully attempted (twice) to expose
a
> copper clad board coated with positive resist. In both cases, it appears
> that the exposure time was too short. Does anyone have experience making
> positive resist PC boards, preferably using Injectorall sensitized boards?
> I've made negative-resist boards using the same UV source, an F15T8BLB
tube,
> and the results were great. The positive resist appears to be much slower.

Different board suppliers use different resists.

I use about 8 mins with two 12" tubes about 10 cm from the artwork/PCB.

The best way to ascertain the correct exposure is to use the photographic
'test strip' technique. Cover the artwork/PCB with a piece of card and move
it so as to expose more every 1 minute.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Tue, 11 Mar 2003 12:46:00 -0500
From: Alex <kr1st@amsat.org>
To: richqrp@cox.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147408] Re: ARRL Poll
Message-ID: <3E6E20D8.A7E0C73C@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

richqrp wrote:

>
> Well what makes me a little mad is, from time to time they have to throw in
> a "do you operate CW" question. This I am sure is just to prove that it is
> not needed or used.

I doubt the ARRL would use a silly tool like a poll to argue one point

or the other. If that were true than one person could have great influence of the ARRL's position. Just for giggles, I just voted about ten times just to see how fool proof their polling code is. It simply uses cookies in order to prevent you from voting again. It lets you cast unlimited votes if you close your browser after each vote, delete the cookies file, restart the browser and vote again. I'm not advocating anything, except maybe the fact that a more intelligent voting mechanism should be chosen by the ARRL webmaster.

73,
--Alex KR1ST

Date: Tue, 11 Mar 2003 12:42:17 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: wn4m@charter.net, qrp-l@Lehigh.EDU
Subject: [147409] RE: ARRL Poll
Message-ID: <3E6E1FF9.00000D.46113@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Well, I guess I am just negative, but I was concerned that nearly 40% NEVER used CW, and 60% used it less than 25% of the time.

That's the outlook that the ARRL would use to push for more phone bands.

John W2AGN

-----Original Message-----

From: wn4m@charter.net
Date: Tuesday, March 11, 2003 12:36:30 PM
To: Low Power Amateur Radio Discussion
Subject: RE: ARRL Poll

The way I read it, 60.1% of hams who voted use CW. That's not bad... higher than I expected in fact.

--... ..-- --... ..-- --... ..-- --... ..-- --
73 72, Greg Tomerlin -WN4M
Wilson County, TN - EM66ud
wn4m@charter.net : www.qsl.net/wn4m
FPqrp# 517 : SOC# 555 : ARS# 1435

Date: Tue, 11 Mar 2003 11:17:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [147410] Armadillo Hunt
Message-ID: <Pine.LNX.4.44.0303111110550.1406-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tomorrow Wednesday 12 March 2003 there will be a hunt just like the usual Fox Hunt except there are 20 Armadillo operators for the most part in NE Texas. The Hunt period is identical to a Fox Hunt. Go to this web page and get all the details:

<http://www.w5nc.org/ptac/default.htm>

I clicked on the Armadillo Roster and when the page came up I printed it. Makes a nice form to keep your records straight on which Armadillo you have worked.

See all you Hunters out there tomorrow.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 11 Mar 2003 14:40:09 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [147411] Expert sighting
Message-ID: <5.1.1.6.1.20030311143542.00a70e80@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Just wanted to offer an official "pat on the back" to our own Dan Tayloe, N7VE, for getting an article published in the March 2003 "RF Design" magazine.

The article is "A Low-noise, High-performance Zero IF Quadrature Detector / Preamplifier," and it describes Dan's patented "Tayloe Detector" that was reported here several years ago. Dan has made some significant advances in the circuit since it was first described to us.

With a little luck, the article may appear on RF Design's Web site on a

couple of months. (Right now they're showing articles from the January issue.)

Good job, Dan!

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 11 Mar 2003 12:02:14 -0800
From: "Tracy Markham" <n4lgh@waveguide.us>
To: qrp-l@lehigh.edu
Subject: [147412] MFJ-914 'Tuner Extender' ??
Message-ID: <200303111958.h2BJw1JD004894@rain.CC.Lehigh.EDU>

Has anyone messed with one of these? Does anyone know if it's a tapped coil or a transformer of some type?

MFJ has some pretty wild claims about the toy ...
Tracy N4LGH

Date: Tue, 11 Mar 2003 13:54:19 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [147413] Re: QRPTTF
Message-ID: <200303112047.0AA14037@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Tue, 11 Mar 2003 12:07:10 -0500, Fred Lesnick wrote:
><http://www.ghosttowns.com/> This will take you to any
>State/province.....
>Fred VE3FAL

Thanks to Fred, Doc and the others who helped me find potential=ghost towns in Central Illinois. Once you have a Lat/Lon for one that's off=the beaten track free maps can be had here...

<http://www.topozone.com>

Tim, N9PUZ

Date: Tue, 11 Mar 2003 14:10:47 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147414] Re: QRPTTF
Message-ID: <200303112110.PAA07733@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Tue, 11 Mar 2003 12:30:20 -0500 (Eastern Standard Time), W2AGN=
wrote:

>Note: "Ghost Towns" are not a requirement. Abandoned houses,=
etc
>also count.
>I plan to operate from the site of an abandoned Lighthouse.
>
>John W2AGN

It was just an interesting twist. I need to do a bit more=
research but I have
two possibilities in mind. One is a true ghost town that looks=
like a neat
area -- not accessible by vehicle. The other possibility that=
would require a
lot more prep work might be operating from near or in one of the=
cabins in
New Salem where Abe Lincoln lived and was Postmaster for a while.=
Both are
within 30-40 minutes off me.

Tim, N9PUZ

Date: Tue, 11 Mar 2003 14:44:04 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147415] RE: Armadillo Hunt

Message-ID: <IGEMKCEKDDMKFONPPFHBCEFLDEAA.w5yr@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks for the pitch, Karl - just for that you can work me three times!
<:}

Seriously, all the Armadillos will appreciate all the traffic we can handle. Just think that you are chasing 20 Foxii and get after them! Armadillos don't have "pelts" but we do have shells which we are handing out! Remember, though, speed counts! The winner will be the Hound working all 20 Armadillos in the shortest time.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Karl F. Larsen
> Sent: Tuesday, March 11, 2003 12:17 PM
> To: Low Power Amateur Radio Discussion
> Subject: Armadillo Hunt
>
>
>
> Tomorrow Wednesday 12 March 2003 there will be a hunt just like
> the usual Fox Hunt except there are 20 Armadillo operators for the most
> part in NE Texas. The Hunt period is identical to a Fox Hunt. Go to this
> web page and get all the details:
>
> <http://www.w5nc.org/ptac/default.htm>
>
> I clicked on the Armadillo Roster and when the page came up I
> printed it. Makes a nice form to keep your records straight on which
> Armadillo you have worked.
>
> See all you Hunters out there tomorrow.
>

> --

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

>

Date: Tue, 11 Mar 2003 14:45:54 -0600

From: "Nick Kennedy" <nkennedy@tcainternet.com>

To: <plburbank@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [147416] Re: Mystery part

Message-ID: <005401c2e80f\$36446280\$0200000a@coxinternet.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Good mystery. I'll bet you're on target with your guess--a gas discharge spike suppressor. It would be interesting if you have a variable PS up to a few hundred volts. Put a big resistor in series and measure the voltage across it and watch for a breakdown.

Reminds me of some 3-terminal devices I got in a bonus/surprise package from Poly Paks 20+ years ago. I'm still surprised, because I've never figured out what they were. Extreme high resistance from each terminal to every other one. They were plastic, smaller than T0220, and looked like transistors.

72--Nick, WA5BDU

Let us know what you determine.

----- Original Message -----

From: "Pete Burbank" <plburbank@earthlink.net>

> One part has me scratching my head.

> 2 leads glass enclosed and about the size of a 1/4 watt resistor. The color

> code is Ora Blue ____red.

> Resistance readings are way up there and does not wiggle the meter. No
> front to back.

> The AADE meter shows no inductance and < 1 pF capacity. I cracked one open
> as there several hundred.

> and inside is a small slug resembling a dogbone. The dogbone appears to
> have a film coating with a gap in the middle

> Perhaps an arc supressor??

> Anybody know what these are?
> 73
> Pete NV4V
>
>

Date: Tue, 11 Mar 2003 15:57:53 EST
From: J38AL@aol.com
To: K2UD@adelphia.net, qrp-1@lehigh.edu
Subject: [147417] WTD: Old RCA KC4000 Preamp Kit
Message-ID: <ac.3b7e4a56.2b9fa7d1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Howard,

I thought I might have what you are looking for as I remember seeing two small black boxes around here somewhere with RCA K-something on them. Well, I just found them. One is still new and in the original package, a KC4500 "Kit Enclosure & Hardware Pack". It is the case, jacks, switch and hardware for the KC4000, KC4001, and KC4002 IC project kits.

The other one is a built circuit board in a KC4500 case. That's the one I was hoping was the preamp you are looking for. I can't read the number on the circuit board but etched on the copper side is "RCA" and "2 channel mixer".

Oh well, I tried, good luck on your search.

72, Al N2ZHS
Scotia, NY
< <http://members.aol.com/n2zhs/n2zhs.html> >

<<Subject: WTD: Old RCA KC4000 Preamp Kit
From: Howard Kraus (K2UD@adelphia.net)
Date: Sun Mar 09 2003 - 11:47:17 EST

--
Every now and then, I post this hoping I'll get lucky. The RCA KC4000 audio preamp kit was put out in the early 70's as part of RCA's line of IC kit modules. It was used by Doug DeMaw in his Mark II QRP transceiver ("Once More with QRP," Aug 70 QST).

Who might have this KC4000 kit in that worn and damp box under their workbench? I'd really like to hear from you.

72 all es TNX

Howard Kraus, K2UD>>

--

Date: Tue, 11 Mar 2003 11:20:31 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [147418] quasi QRP Question
Message-ID: <3E6E0CCF.4090104@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Not totally QRP, but since opinions abound here on anything and everything. My question is whether anyone has used and as a result of such use has an opinion of through the glass antenna mounts for VHF/UHF use? If so, is the opinion they work well, work OK, barely work, don't work, or what?

TIA

Ed Lawson
K1VP

Date: Tue, 11 Mar 2003 14:27:36 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-l@lehigh.edu>
Subject: [147419] RE: ARRL Poll
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC699@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

> Well what makes me a little mad is, from time to time they=20
> have to throw in a "do you operate CW" question.

???

This is the first question I have seen that asks how much time a ham =
spends
operating CW. The other "CW" questions were related to code speed, how
one practices CW and whether one participated in the ARRL CW SS. The=20
latter was balanced by asking the same question about the phone SS.

What other questions did you think was "do you operate CW?"

> This I am sure is just to prove that it is not needed or used.=20

On what basis are you certain that this is why the question was run? =20
Why would ARRL want to prove that? The results show that the=20
majority of respondents use CW at least some of the time...

The polls are not intended to be scientific; they are there on the web =
page for fun.

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: richqrp [mailto:richqrp@cox.net]

> Sent: Tuesday, March 11, 2003 11:48 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: ARRL Poll

>=20

>=20

> And I do feel sorry for the operators=20

> that do not use

> this mode. they are missing out on a lot of fun, not just=20

> operating this

> mode but making your own gear and getting on the air with it..

> Rich / WD6FDD

> ----- Original Message -----
> From: "Joe Martin" <km5cw@arrl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 11, 2003 7:26 AM
> Subject: Re: ARRL Poll
>=20
>=20
> > Thanks for the tip,,here's the latest figures,,everyone=20
> that can vote
> please
> > do.
> >
> > I do not operate CW at all 39.1 % (323)
> > Less than 25% 20.9 % (173)
> > 26-50% 7.0 % (58)
> > 51-75% 7.9 % (65)
> > 76-100% 25.2 % (208)
> > Total votes: 827
> >
> > 73 de KM5CW Joe
> > FISTS #4217 QRPARCI #11368 NETXQRP#42
> > GRID-EM13kf - DFW-TX
> > (<http://web.wt.net/~km5cw>)
> > _ _ . _ . _ . . . _ .
> >
> > ----- Original Message -----
> > From: "W2AGN" <w2agn@w2agn.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, March 11, 2003 8:02 AM
> > Subject: ARRL Poll
> >
> >
> > > Note that on the ARRL Web Page there is a poll, "What=20
> percentage of your
> > > time do you operate CW?"
> > >
> > > I would strongly urge everyone to get in there and VOTE!=20
> I note that the
> > > NO-CWers" have a lead.
> > >
> > > Most of these polls are meaningless, but in this case I fear our
> > > Representative Body" might use the results as an excuse=20
> to petition the
> > FCC
> > > to further cut the CW bands, or some other travesty. It=20
> has been done
> > > before!
> > >

> > > +---+---+---+ John L. Sielke
> > > |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> > > +---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
> >
>=20
>=20

Date: Tue, 11 Mar 2003 14:32:28 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147420] RE: ARRL Poll
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC69A@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Most of these polls are meaningless, but in this case I fear our=20
> Representative Body" might use the results as an excuse to=20
> petition the FCC
> to further cut the CW bands, or some other travesty. It has been done
> before!

Can you cite the place where ARRL has "done this before" by citing what =
filing the League used=20
the ARRL web-page survey to petition the CCC to cut out CW bands? I =
follow ARRL's filings=20
pretty closely and I don't recall that. =20

To refresh your memory, you can look up ARRL's comments to the FCC at:

http://gullfoss2.fcc.gov/prod/ecfs/comsrch_v2.cgi

Just type ARRL in the search box, or "American Radio Relay" for the =
older ones.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by = membership dues, individual contributions and the sale of publications = and advertising. For more information about ARRL, go to = <http://www.arrl.org/news/features/inside-your-league.html>. For more = information about membership, go to <http://www.arrl.org/join.html>. Your = contribution can also help support ARRL's ongoing efforts to protect = Amateur spectrum. Go to = <https://www.arrl.org/forms/development/donations/basic/> to learn more = about the ways you can support the ARRL programs and activities of most = importance to you. You can help ARRL protect Amateur Radio for you and = future generations to enjoy.

> -----Original Message-----

> From: W2AGN [mailto:w2agn@w2agn.net]

> Sent: Tuesday, March 11, 2003 9:02 AM

> To: Low Power Amateur Radio Discussion

> Subject: ARRL Poll

>=20

>=20

> Note that on the ARRL Web Page there is a poll, "What=20

> percentage of your

> time do you operate CW?"

> =20

> I would strongly urge everyone to get in there and VOTE! I=20

> note that the=20

> NO-CWers" have a lead.=20

> =20

> Most of these polls are meaningless, but in this case I fear our=20

> Representative Body" might use the results as an excuse to=20

> petition the FCC

> to further cut the CW bands, or some other travesty. It has been done
> before!

> =20

> +---+---+---+ John L. Sielke

> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]

> +---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

>=20

Date: Tue, 11 Mar 2003 16:34:08 -0500

From: Jim Eshleman <jce0@Lehigh.EDU>

To: qrp-l@Lehigh.EDU

Subject: [147421] Re: ARRL Poll

Message-ID: <3E6E5650.9000702@Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

I dunno, I thought it only fair to give Ed the last word. By all means go vote (ten times even!) but please discuss the poll (and any perceived hidden agenda behind it) elsewhere.

73

Jim N3VXI

Date: Tue, 11 Mar 2003 14:19:47 -0700
From: "John_Evans" <jaevans@mail.codenet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<k1vp@grizzly.com>
Subject: [147422] Re: quasi QRP Question
Message-ID: <200303111419.AA30474488@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Ed,

Depends - I used one on a toyota corolla and it worked and would adjust fine. I tried the same model antenna on an Olds Silhouette Van and could never get it to adjust or work correctly.

73 - john - n0hj

----- Original Message -----
From: Ed Lawson <k1vp@grizzly.com>
Reply-To: k1vp@grizzly.com
Date: Tue, 11 Mar 2003 11:20:31 -0500

>Not totally QRP, but since opinions abound here on anything and everything.
>My question is whether anyone has used and as a result of such use has
>an opinion of through the glass
>antena mounts for VHF/UHF use? If so, is the opinion they work well,
>work OK, barely work, don't work, or what?
>
>TIA
>
>Ed Lawson
>K1VP

Date: Tue, 11 Mar 2003 16:33:00 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: "Nick Kennedy" <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147423] Re: Mystery part
Message-ID: <5.2.0.9.0.20030311161611.00a421d0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'll try that Nick. I built a capacitor leakage detector a few months ago that goes to 400 volts for some boatanchor work. (That's another story but the bottom line is to get any black beauties, little pink chiefs etc out of your old tube gear and replace with poly films). I'll put on my safety glasses and see what happens. :-)
Re the POLY PaksYou never knew what you were getting from that place. There might not even be a chip in there...maybe a red ant that wandered through the encapsulation machine. HI!

73 Pete NV4V

At 03:45 PM 3/11/2003, Nick Kennedy wrote:

>Good mystery. I'll bet you're on target with your guess--a gas discharge
>spike suppressor. It would be interesting if you have a variable PS up to a
>few hundred volts. Put a big resistor in series and measure the voltage
>across it and watch for a breakdown.

>

>Reminds me of some 3-terminal devices I got in a bonus/surprise package from
>Poly Paks 20+ years ago. I'm still surprised, because I've never figured
>out what they were. Extreme high resistance from each terminal to every
>other one. They were plastic, smaller than T0220, and looked like
>transistors.

>

>72--Nick, WA5BDU

>

>Let us know what you determine.

>

>

>----- Original Message -----

>From: "Pete Burbank" <plburbank@earthlink.net>

> > One part has me scratching my head.

> > 2 leads glass enclosed and about the size of a 1/4 watt resistor. The
> color

> > code is Ora Blue ____red.

> > Resistance readings are way up there and does not wiggle the meter. No
> > front to back.

> > The AADE meter shows no inductance and < 1 pF capacity. I cracked one open
> > as there several hundred.

> > and inside is a small slug resembling a dogbone. The dogbone appears to
> > have a film coating with a gap in the middle
> > Perhaps an arc supressor??
> > Anybody know what these are?
> > 73
> > Pete NV4V
> >
> >

Date: Tue, 11 Mar 2003 16:40:24 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@Lehigh.EDU, jce0@Lehigh.EDU
Subject: [147424] Re: ARRL Poll
Message-ID: <3E6E57C8.000007.52645@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

I beg your pardon, Jim, but I think this issue is highly pertinent to QRP,
since so much is CW operation.

There is a fine line between "moderation" and flat-out "censorship." I think
you have crossed it here.

John W2AGN

-----Original Message-----

From: jce0@Lehigh.EDU
Date: Tuesday, March 11, 2003 04:29:25 PM
To: Low Power Amateur Radio Discussion
Subject: Re: ARRL Poll

I dunno, I thought it only fair to give Ed the last word. By all
means go vote (ten times even!) but please discuss the poll (and any
perceived hidden agenda behind it) elsewhere.

73
Jim N3VXI

.

Date: Tue, 11 Mar 2003 14:44:10 -0700
From: "Fuller, David J" <David.Fuller@qwest.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147425] QRPTTF Wow I live in a Ghosttown!
Message-ID: <B3589388E2ACD411800400508B95245807F84468@wehntex002.qwest.net>
MIME-Version: 1.0
Content-Type: text/plain

With a quick check of Ghosttown.com
I was stunned to find out that the little village I live in is an old Ghost Town....

I guess I'm un-fair-ly set for QRPTTF. Technically portable in the yard would set me up in the Ghosttown village of Yarisarri, NM. Such a deal.....Maybe I'll drive to the next one about 5 miles north just to make it fair...

Kudos for the education and history value of being a QRP op... I might have never known otherwise...

-Dave
WD7Z

Date: Tue, 11 Mar 2003 16:58:39 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [147426] Re: MFJ-914 'Tuner Extender' ??
Message-ID: <20030311.170020.-334087.1.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Tracy. Keith here in the Depths of the Great Bergen Swamp

One of the local club members has one, and it appears to be an autotransformer to allow tuning RF loads with impedances under 20 ohms. Swan used to have one ages ago for their mobile antennas as did Collins for shipboard mobile whips (but the Collins model was NOT QRP by any stretch of the imagination!)

Al is using his with a Hamstick on 40 Meters. It puts the load into the range that his autotuner will handle, and he covers all of the 40 Meter band with the antenna on a hatchback mount.

The Swan model was a beauty. It was manual with a rotary

switch marked in ohms. You would set it up for the anticipated impedance, and then the Pi-Net in the rig would handle the resulting stepped-up impedance. I seem to recall that the W2FMI articles in QST on shortened verticals used something similar to bring the 8 - 15 ohms up to something close to 50 ohms.

My personal observation with Hamsticks is that this type of a unit is very helpful on 30 Meters and down (frequency-wise). It would not be a big deal to wind one on either a ferrite or powdered iron toroid...

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Tue, 11 Mar 2003 22:58:43 GMT
From: psschwarz@kellnet.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147427] Re: quasi QRP Question
Message-ID: <20030311225843.9230.qmail@mail.kellnet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On glass antennas are fine for intra-city work, but as far as working a significant distance not all reliable. What is made up for in lack of drilling requirements is lost in (near) unity gain. I was happy with the MFJ model. It was beat to death by the rafters in the college parking garages and still worked "like a Timex." :-)

Patrick...KB8RTZ...

Date: Tue, 11 Mar 2003 18:14:00 -0500
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147428] Re: QRPTTF Wow I live in a Ghosttown!
Message-ID: <004301c2e823\$e80b76c0\$b4c859cf@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Near our summer cottage is the Michigan village of Ferry. When Ferry was listed in the book "Michigan Ghost Towns", the residents were a bit surprised. After all, there are a couple of hundred of them and they have a new elementary school in town.

Rather than get mad, they have an annual event, "Ghost Town Day", to celebrate their status. It's well attended and has a nice parade through town with a band, floats, and a queen.

Does operating from Ferry count?

73 de NA8M
John

----- Original Message -----

From: "Fuller, David J" <David.Fuller@qwest.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 11, 2003 4:44 PM
Subject: QRPTTF Wow I live in a Ghosttown!

> With a quick check of Ghosttown.com
> I was stunned to find out that the little village I live in is an old
Ghost
> Town....
> I guess I'm un-fair-ly set for QRPTTF. Technically portable in the yard
> would set me up in the Ghosttown village of Yarisarri, NM. Such a
> deal.....Maybe I'll drive to the next one about 5 miles north just to make
> it fair...
>
> Kudos for the education and history value of being a QRP op... I might
have
> never known otherwise...
>
> -Dave
> WD7Z
>
>

Date: Tue, 11 Mar 2003 18:13:57 -0500

From: Pete Burbank <plburbank@earthlink.net>
To: nkennedy@tcainternet.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147429] Re: Mystery part
Message-ID: <5.2.0.9.0.20030311180335.00a3b2d0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:45 PM 3/11/2003, Nick Kennedy wrote:

>SNIP
>72--Nick, WA5BDU
>
>Let us know what you determine.

Well, between Nick's suggestion to put some HV on it and Gary WA6DTX's idea that these might be hi megohm resistors, the mystery is solved. At 360 volts 10 uA flows so they are 36 megohm resistors.
If any body needs any let me know, got a whole handful, (not exactly the sort of part I use often) HI! :-)
Thanks guys
Pete NV4V

Date: Tue, 11 Mar 2003 18:32:09 -0500
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG" <W3BG@arrl.net>, "Norm Into" <normk8ni@neo.rr.com>,
"N4SO" <N4SO@Juno.com>, "List Elecraft" <Elecraft@mailman.qth.net>,
Subject: [147430] [CONTEST] N2CQ QRP Contest Calendar Mar 11-31
Message-ID: <00f501c2e826\$7384f5d0\$e2e980d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
March 11-31, 2003  
~~~~~

40 METER FOXHUNTS (Ends Mar 21)
Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.
Info: <http://www.cqc.org/fox>
Truffle Hunt - Thursdays - 30 min before Fox Hunt
Info: http://fpqrp.com/pig_hunt.html

~~~~~  
Pesky Texan Armadillo Chase (CW) (7.020-7.070 MHz) ... QRP Contest!  
Mar 13 - 0200z to 0400z (Wed evening USA/Canada)  
Rules: <http://www.w5nc.org>  
~~~~~

Somerset Homebrew Contest (CW/SSB - 80 Meters) ... QRP Contest!
Mar 15 - 0000z to 2400z (Any 4 hours)
Rules: <http://www.sk3bg.se/contest/somerset.htm>
~~~~~

Virginia QSO Party (CW/SSB) ... QRP Category  
Mar 15 - 1800z to Mar 17 - 0200z  
Rules: <http://www.qsl.net/sterling/uf1.htm>  
~~~~~

Oklahoma QSO Party (CW/Digital/Phone) ... QRP Category
Mar 22 - 1100z to Mar 23 1100z
Rules: <http://www.qsl.net/okdxa/OKQP.htm>
~~~~~

Spring QRP Homebrewer Sprint (CW/PSK31) ... QRP Contest!!!!  
Mar 24 - 0000z to 0400z (Sunday evening in US/Canada)  
Rules: <http://www.njqrp.org/data/qrphomebrewersprint.html>  
~~~~~

ATLANTICON - Mar 28/29, 2003
~~~~~

CQ World-Wide WPX Contest (SSB) ... QRP Category  
Mar 29 - 0000z to Mar 30 - 2400z  
Rules: <http://home.woh.rr.com/wpx/>  
~~~~~

Thanks to WA7BNM, SM3CER, N0AX-(ARRL) and others
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

72 de
Ken Newman - N2CQ
N2CQ@ARRL.NET
<http://www.njqrp.org/data/contesting.html>
<http://www.n3epa.org/Pages/Contest/contest.htm>
<http://www.qsl.net/cqrp/contests.html>

End of QRP-L Digest 2856

